

Disaggregation Summary Report

Test Date: 09/18/07

State: INDIANA

Grade: 6

Purpose

This report describes group achievement for selected reporting populations.



English/language arts

	Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	%	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students	79421	5035	6	51851	65	56886	72	22106	28	429	1	497.2/500.0	51.3
General Education													
TOTAL General Education	67770	4922	7	48230	71	53152	78	14353	21	265	0	505.8/506.2	45.5
Special Education													
With accommodations	8838	23	0	1985	22	2008	23	6689	76	141	2	435.1/435.7	49.8
Without accommodations	2813	90	3	1636	58	1726	61	1064	38	23	1	483.4/486.6	51.5
TOTAL Special Education	11651	113	1	3621	31	3734	32	7753	67	164	1	446.8/447.2	54.3
Limited English Proficiency													
With accommodations	1762	2	0	478	27	480	27	1214	69	68	4	441.8/446.6	50.5
Without accommodations	1347	10	1	647	48	657	49	642	48	48	4	470.6/472.2	46.4
TOTAL Limited English Proficiency	3109	12	0	1125	36	1137	37	1856	60	116	4	454.3/458.7	50.8
Non-Limited English Proficiency													
With accommodations	8869	30	0	2110	24	2140	24	6588	74	141	2	437.2/438.1	49.9
Without accommodations	67443	4993	7	48616	72	53609	79	13662	20	172	0	507.0/507.1	44.8
TOTAL Non-Limited English Proficiency	76312	5023	7	50726	66	55749	73	20250	27	313	0	498.9/501.6	50.6
Gender													
Male	40573	1602	4	25233	62	26835	66	13447	33	291	1	488.8/493.2	51.3
Female	38773	3432	9	26583	69	30015	77	8622	22	136	0	506.2/507.3	49.7
No valid information	75	1	1	35	47	36	48	37	49	2	3	467.8/468.0	53.3
SES													
Paid lunch	47985	4305	9	34484	72	38789	81	9035	19	161	0	510.0/511.8	48.0
Free or reduced lunch	31086	721	2	17207	55	17928	58	12899	41	259	1	477.8/481.4	50.0
No valid information	350	9	3	160	46	169	48	172	49	9	3	470.8/470.8	56.7
Ethnicity													
American Indian or Alaska Native	221	10	5	130	59	140	63	79	36	2	1	485.1/489.3	51.4
Black (Not of Hispanic Origin)	9319	135	1	4528	49	4663	50	4582	49	74	1	470.8/472.1	47.5
Asian or Pacific Islander	1025	175	17	618	60	793	77	185	18	47	5	518.9/521.6	59.6
Hispanic	5107	104	2	2591	51	2695	53	2345	46	67	1	472.0/475.6	52.7
White (Not of Hispanic Origin)	60482	4456	7	41921	69	46377	77	13884	23	221	0	503.4/505.9	49.6
Multiracial	3015	153	5	1936	64	2089	69	915	30	11	0	492.8/494.4	49.3
No valid information	252	2	1	127	50	129	51	116	46	7	3	471.8/476.2	52.4
Migrant	31	0	0	8	26	8	26	20	65	3	10	438.0/438.0	55.1

The cut score at Pass is 472. The cut score at Pass+ is 570.

The Lowest/Highest Scale Score Possible for English/language arts is 135/740.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

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This report describes group achievement for selected reporting populations.



Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	%	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		79421	16738	21	46927	59	63665	80	15453	19	303	0	511.5/514.0	61.7
General Education														
TOTAL General Education		67770	16027	24	42054	62	58081	86	9499	14	190	0	520.5/520.7	55.4
Special Education														
With accommodations		8761	233	3	3244	37	3477	40	5188	59	96	1	445.5/449.3	65.7
Without accommodations		2890	478	17	1629	56	2107	73	766	27	17	1	498.9/503.4	65.2
TOTAL Special Education		11651	711	6	4873	42	5584	48	5954	51	113	1	458.8/461.2	69.5
Limited English Proficiency														
With accommodations		1772	79	4	794	45	873	49	890	50	9	1	460.8/462.9	61.9
Without accommodations		1337	136	10	812	61	948	71	384	29	5	0	491.6/493.4	56.9
TOTAL Limited English Proficiency		3109	215	7	1606	52	1821	59	1274	41	14	0	474.1/477.0	61.7
Non-Limited English Proficiency														
With accommodations		8784	246	3	3353	38	3599	41	5093	58	92	1	447.2/451.3	65.8
Without accommodations		67528	16277	24	41968	62	58245	86	9086	13	197	0	521.5/521.7	55.1
TOTAL Non-Limited English Proficiency		76312	16523	22	45321	59	61844	81	14179	19	289	0	513.0/515.5	61.2
Gender														
Male		40573	9138	23	23056	57	32194	79	8190	20	189	0	511.9/515.0	64.1
Female		38773	7595	20	23831	61	31426	81	7236	19	111	0	511.1/513.1	59.0
No valid information		75	5	7	40	53	45	60	27	36	3	4	474.2/478.8	62.9
SES														
Paid lunch		47985	13402	28	28544	59	41946	87	5918	12	121	0	526.3/527.7	57.7
Free or reduced lunch		31086	3298	11	18205	59	21503	69	9409	30	174	1	489.0/492.3	60.6
No valid information		350	38	11	178	51	216	62	126	36	8	2	480.3/486.0	72.2
Ethnicity														
American Indian or Alaska Native		221	28	13	134	61	162	73	59	27	0	0	492.9/494.0	67.8
Black (Not of Hispanic Origin)		9319	661	7	5096	55	5757	62	3513	38	49	1	477.1/479.7	59.5
Asian or Pacific Islander		1025	494	48	418	41	912	89	113	11	0	0	549.5/554.9	75.9
Hispanic		5107	521	10	2973	58	3494	68	1594	31	19	0	488.4/490.8	59.8
White (Not of Hispanic Origin)		60482	14515	24	36396	60	50911	84	9351	15	220	0	518.8/521.2	59.3
Multiracial		3015	494	16	1778	59	2272	75	734	24	9	0	502.2/502.2	61.2
No valid information		252	25	10	132	52	157	62	89	35	6	2	482.5/489.3	67.8
Migrant		31	0	0	16	52	16	52	13	42	2	6	448.1/468.3	79.2

The cut score at Pass is 464. The cut score at Pass+ is 559.

The Lowest/Highest Scale Score Possible for mathematics is 220/760.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%

State Proficiency Performance Summary

State: INDIANA

Grade: 6

Purpose
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	3878 Students Pass + in E/la and Math 5%	12605 Students Pass in E/la and Pass + in Math 16%	235 Students Did Not Pass in E/la and Pass + in Math 0%	20 Students Undetermined in E/la and Pass + in Math 0%	16738 Students Pass + in Math 21%
Mathematics Pass	1150 Students Pass + in E/la and Pass in Math 1%	35691 Students Pass in E/la and Math 45%	9996 Students Did Not Pass in E/la and Pass in Math 13%	90 Students Undetermined in E/la and Pass in Math 0%	46927 Students Pass in Math 59%
Mathematics Did Not Pass	6 Students Pass + in E/la and Did Not Pass in Math 0%	3444 Students Pass in E/la and Did Not Pass in Math 4%	11786 Students Did Not Pass in E/la and Math 15%	217 Students Undetermined in E/la and Did Not Pass in Math 0%	15453 Students Did Not Pass in Math 19%
Mathematics Undetermined	1 Student Pass + in E/la and Undetermined in Math 0%	111 Students Pass in E/la and Undetermined in Math 0%	89 Students Did Not Pass in E/la and Undetermined in Math 0%	102 Students Undetermined in E/la and Math 0%	303 Students Undetermined in Math 0%
English/ language arts TOTALS	5035 Students Pass + in E/la 6%	51851 Students Pass in E/la 65%	22106 Students Did Not Pass in E/la 28%	429 Students Undetermined in E/la 1%	Summary of Student Counts Total Grade Count 79421 Students with Complete Tests 78791 Students with Undetermined Scores E/la Only 327 Math Only 201 Both 102

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	497.2	511.5	MSS: 593.3	MSS: 514.5	MSS: 435.0	MSS: 591.2	MSS: 512.3	MSS: 422.8
Pass Cut Score	472	484	SD: 24.0	SD: 25.4	SD: 32.9	SD: 29.2	SD: 28.0	SD: 41.9
Pass + Cut Score	570	559	L/H Obt: 570-740	L/H Obt: 472-569	L/H Obt: 135-471	L/H/Obt: 559-760	L/H/Obt: 464-558	L/H/Obt: 220-463
Standard Deviation	51.3	61.7	L/H Range: 570-740	L/H Range: 472-569	L/H Range: 135-471	L/H Range: 559-760	L/H Range: 464-558	L/H Range: 220-463
Lowest/Highest Scale Score Obtained	135-740	220-760	5035 Students	51851 Students	22106 Students	16738 Students	46927 Students	15453 Students
Lowest/Highest Scale Score Possible	135-740	220-760	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score SD: Standard Deviation L/H Obt: Lowest/Highest Scale Score Obtained L/H Range: Lowest/Highest Scale Score Range of Proficiency Level
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

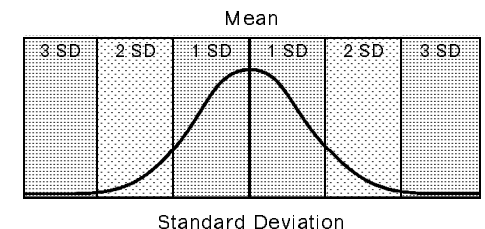
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



**Applied Skills
Frequency Distribution**

State: INDIANA

Grade: 6

Purpose
This report provides a frequency of
points obtained by Applied Skills items.



Test Date: 09/18/07

E/la	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
Item # - Test #			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications																
1a-3-Writing Applications	6	79421			530	1	3642	5	20679	26	43332	55	8580	11	980	1
13b-4-Writing Applications	4	79421			6079	8	35454	45	28528	36	7046	9				
Lang. Conventions																
1b-3-Lang. Conventions	4	79421			793	1	8518	11	45484	57	24243	31				
13c-4-Lang. Conventions	4	79421			5741	7	26417	33	33343	42	12028	15				
Lit. Resp. & Analysis																
4-4-Lit. Resp. & Analysis	2	79421	10848	14	43997	55	23432	30								
5-4-Lit. Resp. & Analysis	2	79421	35450	45	23633	30	18368	23								
Reading Comp.																
8-4-Reading Comp.	2	79421	16564	21	27970	35	33428	42								
11-4-Reading Comp.	2	79421	15564	20	28486	36	32853	41								
13a-4-Reading Comp.	2	79421	9381	12	20596	26	47130	59								

Math	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
Item # - Test #			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Number Sense																
1-7-Number Sense	2	79421	15353	19	26068	33	37771	48								
Measurement																
2-7-Measurement	2	79421	19464	25	6834	9	52883	67								
2-8-Measurement	2	79421	14298	18	6408	8	58440	74								
Data Analysis & Prob.																
3-7-Data Analysis & Prob.	2	79421	18666	24	47350	60	12857	16								
Geometry																
4-7-Geometry	2	79421	41551	52	26425	33	10959	14								
3-8-Geometry	2	79421	30463	38	31716	40	16925	21								
6-8-Geometry	2	79421	48755	61	26972	34	3300	4								
Problem Solving																
5-7-Problem Solving	3	79421	35854	45	7456	9	20939	26	14889	19						
6-7-Problem Solving	2	79421	51849	65	15570	20	10860	14								
4-8-Problem Solving	3	79421	36880	46	20681	26	13128	17	7973	10						
5-8-Problem Solving	2	79421	52233	66	21612	27	4926	6								
Algebra & Functions																
7-7-Algebra & Functions	2	79421	11707	15	17028	21	50003	63								
1-8-Algebra & Functions	2	79421	11651	15	9360	12	57731	73								
7-8-Algebra & Functions	2	79421	16198	20	8896	11	53609	67								

[illegible]

Academic Standards Summary

State: INDIANA

Grade: 6

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 79421

Test Date: 09/18/07

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

** : Expected IPI for a student at the passing cut score

STATE SUMMARY

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
<p>Items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.</p> <p>MC : Multiple-choice items OE : Open-ended items ** : Expected IPI for a student at the passing cut score</p>							
English/language arts							
1. Reading Vocabulary(MC)	8	58	5.4	66.8	8.8	56981	72
2. Reading Comp.(MC,OE)	22	64	15.9	72.0	8.0	57522	73
3. Lit Response & Analysis(MC,OE)	18	59	12.2	68.3	9.3	57255	72
4. Writing Process(MC)	4	59	2.7	67.4	8.4	56148	71
5. Writing Applications(OE)	10	58	6.1	61.5	3.5	56416	71
6. Lang. Conventions(MC,OE)	14	71	10.6	76.2	5.2	57498	73
*Number of Students: 78992							
Mathematics							
1. Number Sense(MC,OE)	12	47	7.9	65.4	18.4	63436	80
2. Computation(MC)	11	45	7.1	64.2	19.2	63362	80
3. Algebra & Functions(MC,OE)	14	60	10.5	74.4	14.4	62349	79
4. Geometry(MC,OE)	13	34	6.4	49.8	15.8	63649	80
5. Measurement(MC,OE)	12	58	8.9	73.6	15.6	63552	80
6. Data Analysis & Prob(MC,OE)	10	35	5.6	55.4	20.4	63434	80
7. Problem Solving(MC,OE)	12	13	3.9	33.1	20.1	63108	80
*Number of Students: 79118							

^a Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.